

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



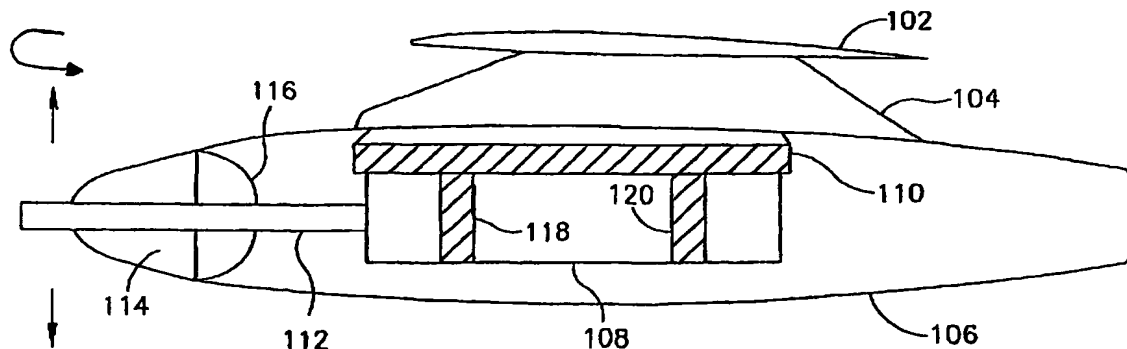
(43) International Publication Date
21 May 2004 (21.05.2004)

PCT

(10) International Publication Number
WO 2004/042315 A2

- (51) International Patent Classification⁷: **F41F**
- (21) International Application Number:
PCT/IL2003/000395
- (22) International Filing Date: 15 May 2003 (15.05.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
152680 6 November 2002 (06.11.2002) IL
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- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD,
SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US,
UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:**
— without international search report and to be republished
upon receipt of that report
- For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.*

(54) Title: REAL TIME DYNAMICALLY CONTROLLED ELEVATION AND AZIMUTH GUN POD MOUNTED ON A FIXED-WING AERIAL COMBAT VEHICLE



(57) Abstract: A gun pod, mounted on a fixed-wing aerial vehicle, stores, delivers, controls and supports a controllable movement gun unit. The gun pod includes a flexible gun mount, gun movement actuators, gun movement controllers, a standalone range finder, a standalone processor, and standalone sensors for capturing dynamically environmental data and for controlling the movement of the gun unit. The gun is provided with allowable ranges of movement in the elevation and the azimuth where the ranges are determined in accordance with the flight envelope of the aerial vehicle, the characteristics of the gun unit and the mounting location of the gun pod. The movement of the gun is either controlled manually or automatically.